Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A process for selective removal of a nickel alloy brazing composition from a nickel-base alloy component, comprising the steps of:

providing a brazed assembly comprising nickel-base alloy components joined by nickel alloy brazing composition, wherein said nickel-base alloy components are provided from a material having a nominal composition as follows:

:	C	Mn	Si	S	Cr	Co	Nb+Ta	Ni	Cu	Ti	Al	Fe	:
Min	:	:	:	:	14.0	:	0.70	70.0	:	2.25	0.40	5.0	%
Max	0.80	1.00	0.50	0.01	17.0	1.0	1.20	:	0.50	2.75	1.00	9.0	%

_____ ;

immersing said assembly in an electrolyte; and

applying a potential across said electrolyte at a magnitude wherein said nickel-base alloy components are electrochemically passive and said nickel alloy brazing composition dissolves whereby said brazing composition is removed from said components.

Claim 2 (original): The process of claim 1, wherein said electrolyte comprises a mineral acid solution.

Claim 3 (previously presented): The process of claim 2, wherein said mineral acid solution is selected from the group consisting of solutions containing HCl, HNO$_3$ and mixtures thereof.

Claim 4 (original): The process of claim 1, wherein said potential is greater than 0.0 and up to about 1.0 volts versus a Ag/AgCl reference electrode.

Claim 5 (original): The process of claim 1, wherein said brazing composition has a lower melting point than said components.

Claim 6 (original): The process of claim 1, wherein said brazing composition comprises nickel-chromium alloy brazing composition and wherein said components comprise nickel-chromium alloy components.

Claim 7 (original): The process of claim 1, wherein said brazing composition has a composition as follows:

Cr: 7.0 % wt.

B : 3.10 % wt.

Si: 4.50 % wt.

Fe: 3.0 % wt.

C : 0.06 % wt. max

Ni: remainder.

Claim 8 (cancelled):

Clam 9 (cancelled):

Claim 10 (original): The process of claim 1, wherein said brazing composition is a nickel-chromium alloy containing boron, silicon and iron, and said nickel-base alloy components are provided of a nickel-chromium alloy containing iron, titanium, at least one of niobium and tantalum, and aluminum.

Claim 11 (new): The process of claim 1, wherein the electrolyte consists essentially of a solution of one mineral acid selected from the group consisting of HCl and HNO_3.

Claim 12 (new): A process for selective removal of a nickel alloy brazing composition from a nickel-base alloy component, comprising the steps of:

provide a brazed assembly comprising nickel-base alloy components joined by nickel alloy brazing composition;

immersing said assembly in an electrolyte; and

applying a potential across said electrolyte at a magnitude wherein said nickel-base alloy components are electrochemically passive and said nickel alloy brazing composition dissolves whereby said brazing composition is removed from said components, wherein said potential is greater than 0.0 and up to about 1.0 volts versus a Ag/AgCl reference electrode.

Claim 13 (new): A process for selective removal of a nickel alloy brazing composition from a nickel-base alloy component, comprising the steps of:

providing a brazed assembly comprising nickel-base alloy components joined by nickel alloy brazing composition;

immersing said assembly in an electrolyte, wherein the electrolyte consists essentially of a solution of one mineral acid selected from the group consisting of HCl and HNO_3; and

applying a potential across said electrolyte at a magnitude wherein said nickel-base alloy components are electrochemically passive and said nickel alloy brazing composition dissolves whereby said brazing composition is removed from said components.